# How to change pollen filter on **BMW E46 touring** – replacement guide

## VIDEO TUTORIAL




### Important!

This replacement procedure can be used for:
BMW 3 Touring (E36) 328i 2.8, BMW 3 Saloon (E46) 318i 1.9, BMW 3 Saloon (E46) 328i 2.8, BMW 3 Saloon (E46) 320d 2.0, BMW 3 Saloon (E46) 323i 2.5, BMW 3 Saloon (E46) 320i 2.0, BMW 3 Coupe (E46) 323Ci 2.5, BMW 3 Coupe (E46) 328Ci 2.8, BMW X3 (E83) xDrive 20 d, BMW X3 (E83) xDrive 30 d, BMW 3 Saloon (E46) 316i 1.9, BMW 3 Touring (E46) 320i 2.0, BMW 3 Coupe (E46) 320Ci 2.0, BMW 3 Coupe (E46) 318Ci 1.9, BMW 3 Touring (E46) 318i 1.9, (+ 67)

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The steps may slightly vary depending on the car design.

## REPLACEMENT: POLLEN FILTER – BMW E46 TOURING. TOOLS YOU MIGHT NEED:




- Torx bit T20
- Ratchet wrench
- Fender cover

BUY TOOLS

Replacement: pollen filter – BMW E46 touring. AUTODOC recommends:

- Replace the cabin filter at least once every six months, in early spring and autumn seasons.
- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- If the air flow into the cabin has sharply reduced, replace the filter before a scheduled maintenance.
- All work should be done with the engine stopped.

## REPLACEMENT: POLLEN FILTER – BMW E46 TOURING. TAKE THE FOLLOWING STEPS:

1

Open the hood.



2

Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Unscrew the fasteners of the cabin filter housing cover.



4 Remove the cabin filter housing cover.



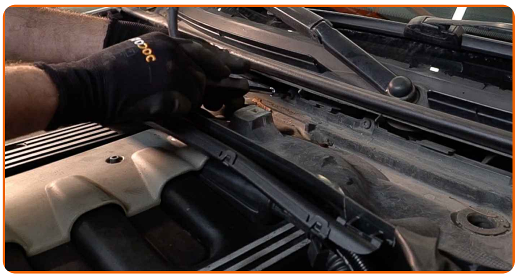
5 Remove the cabin filter.



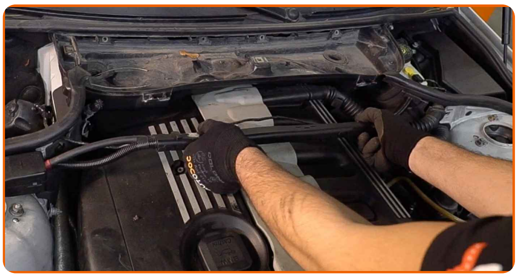
6 Remove the rubber strip.



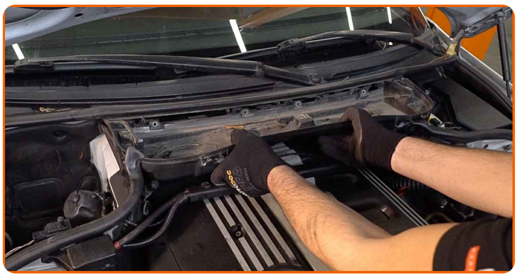
7 Unscrew the filter housing fastening bolts. Use Torx T20. Use a ratchet wrench.



**8** Disconnect the wiring harness from the cabin filter housing.



**9** Remove the cabin air filter housing.



**10** Clean the cabin filter housing and cover.



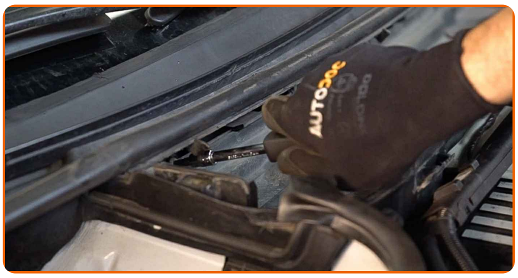
## Replacement: pollen filter – BMW E46 touring. Professionals recommend:

- Remove any debris from the cabin filter housing carefully to prevent contamination of the ventilation duct.
- Do not attempt to clean and reuse the filter - it will affect the quality of air cleaning inside the car.

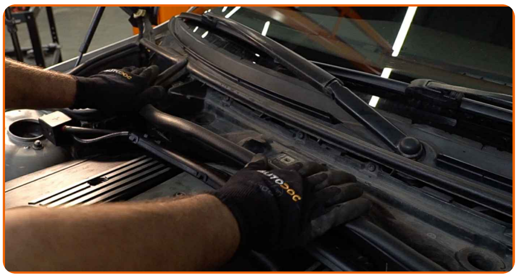
11 Install the cabin air filter housing.



12 Screw the filter housing fastening bolts. Use Torx T20. Use a ratchet wrench.



13 Install the rubber strip.



14 Connect the wiring harness to the cabin filter housing.



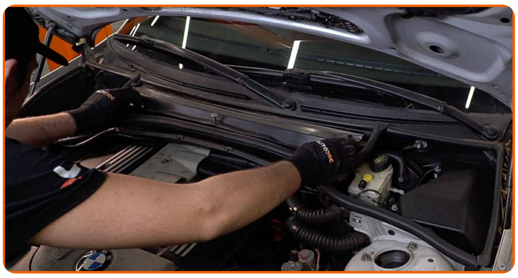
15 Insert a new filter element into the filter housing. Make sure that the filter edge fits tight to the housing.



## Replacement: pollen filter – BMW E46 touring. AUTODOC experts recommend:

- Follow the air flow direction arrow on the filter.
- Replacement: pollen filter – BMW E46 touring. Be sure to position the filtering element correctly. Avoid misalignment.
- Take care to only use quality filters.

**16** Reinstall the cabin filter housing cover.



**17** Screw in the fasteners of the cabin filter housing cover.




**18** Remove the fender protection cover.



**19** Close the hood.

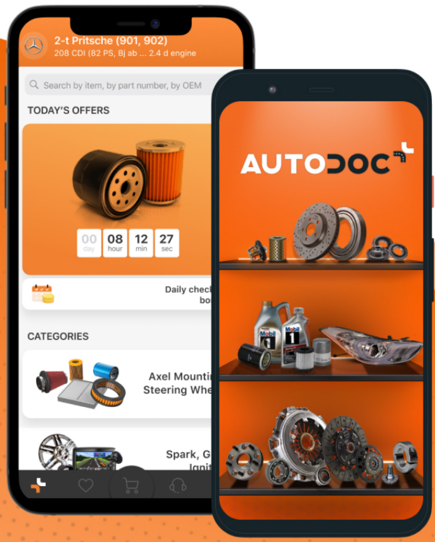



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